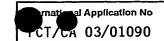
INTERNATIONAL SEARCH REPORT





A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K39/395 G01N33/53 //C07K16/28,C07K16/42

C. DOCUMENTS CONSIDERED TO BE RELEVANT

A61P19/02

A61P11/06

A61P37/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC $\frac{7}{600}$ A61K $\frac{1}{600}$ C07K

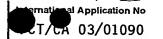
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, MEDLINE, PAJ

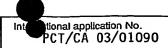
Calegory °	Citation of document, with indication, where appropriate, of the	Relevant to claim No.		
A	WO 98 23646 A (MEDAREX INC) 4 June 1998 (1998-06-04) page 21 -page 22	1–19		
A	WO 91 05805 A (DARTMOUTH COLLE 2 May 1991 (1991-05-02) the whole document	1-22		
A	FERKOL T ET AL: "GENE TRANSFE RESPIRATORY EPITHELIAL CELLS B THE POLYMERIC IMMUNOGLOBULIN R JOURNAL OF CLINICAL INVESTIGAT YORK, NY, US, vol. 92, no. 5, November 1993 pages 2394-2400, XP001053217 ISSN: 0021-9738 the whole document	Y TARGETING ECEPTOR" ION, NEW	20-22	
X Furth	her documents are listed in the continuation of box C.	Patent family members are listed	In annex.	
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 		 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 		
Date of the a	actual completion of the international search	Date of mailing of the international sea	rch report	
10	O December 2003	22/12/2003		
Name and n	nalling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Wagner, R		





C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the reterminant of the relevant of the reterminant of the re	ant passages . Relevant to claim No.
A WOLF H M ET AL: "Anti-inflammato	ant passages . Relevant to claim No.
of IL-1 receptor antagonist and F (CD89)-mediated down-regulation of necrosis factor-alpha (TNF-alpha) in human monocytes" CLINICAL AND EXPERIMENTAL IMMUNOL vol. 105, no. 3, 1996, pages 537- XP002263966 ISSN: 0009-9104 the whole document	duction c-alpha-R f tumour and IL-6 DGY.
MONTENEGRO V ET AL: "Elevation of IgA in spondyloarthropathies and nephropathy and its pathogenic rocurrent Opinion in Rheumatology 1 United States, vol. 11, no. 4, 1999, pages 265-2 XP009022238 ISSN: 1040-8711 the whole document	IgA le" 999
P,A FERKOL THOMAS ET AL: "Targeted dof antiprotease to the epithelial of human tracheal xenografts." AMERICAN JOURNAL OF RESPIRATORY A CRITICAL CARE MEDICINE, vol. 167, no. 10, 15 May 2003 (2003-05-15), pages 1 XP009022239 ISSN: 1073-449X (ISSN print) the whole document	surface ND
P,A WO 02 064634 A (VAN DE WINKEL JAN DIJK MARCUS A (NL); MEDAREX INC (HUDSO) 22 August 2002 (2002-08-22 the whole document	JS);

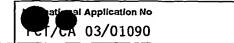




Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 27-32 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
•
1. As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

tion on patent family members



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